PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF AIR QUALITY COMPLIANCE CERTIFICATION FORM

(25 Pa. Code § 127.513)

Owner/Operator:	UGI DEV CO
DEP Facility ID:	712577
Title:	ENVIRNM HEALTH & SAFETY
Phone Number:	(570) 542-5369
	Owner/Operator: DEP Facility ID: Title:

determined by the method(s) of compliance specified in said permit, except for the following deviations, exceedances and excursions: For the period 01/01/2016 - 06/30/2016, UGI DEV CO/HEGINS has been in continuous compliance with all applicable requirements of permit # 54-00074,

sect./Cond. # Citation #	Source	Source Noncompliance	Monitoring Method(s)	Date	Duration
				-	

Certification of Truth, Accuracy and Completeness

Subject to the penalties of Title 18 Pa. C.S. Section 4904 and 35 P.S. Section 4009 (b) (2), I certify under penalty of law that, based on information and belief formed after

reasonable inquiry, the statements and information contained in this form are true, accurate, and complete. November 30, 1998: Version 1.2 of

Signed:	Name:
Seen N. Condlew)	Peter M. Quattrini
Date:	Title:
July 27, 2016	Plant Manager

This certification must be signed by a responsible official. Any certification submitted without a valid signature will be returned.

submission of malfunction and CEM reports. DO NOT include that information on this form. more spaces are needed, complete additional pages using the format shown in Addendum 1. This certification does not replace requirements pertaining to the The owner/operator shall identify any other material information needed in this certification to also comply with section 113(c)(2) of the Clean Air Act. If



PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF AIR QUALITY

COMPLIANCE CERTIFICATION FORM

(25 Pa. Code § 127.513)

ADDENDUM 1

determined by the method(s) of compliance specified in said permit, except for the following deviations, exceedances and excursions: For the period 01/01/2016 - 06/30/2016, UGI DEV CO/HEGINS has been in continuous compliance with all applicable requirements of permit # 54-00074,

			Sect./Cond.#
			Citation #
			Source
			Noncompliance
			Monitoring Method(s)
			Date
			Duration
			Corrective Action(s)

	November 30, 1998: Version 1.2
	1.2
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54-00074 - UGI DEV CO/HEGINS				q
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
[25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]	Section B	(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit	Company Policy is to comply with all environmental regulations affecting the Broad	⊠Continuous □Intermittent
(Permit Renewal)		The renewal application is timely if a complete application is submitted to the Department's Regional Air M	Mountain Facility.	
[25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]	Section B	 (a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental 	Company Policy is to comply with all environmental regulations affecting the Broad	⊠Continuous □Intermittent
(Inspection and Entry)		Protection or authorized representatives of the Department to perform the following:	woonkan i aciiry.	
[25 Pa. Code §§	Section B		Company Policy is to	⊠Continuous
127.25, 127.444, & 127.512(c)(1)] (Compliance Requirements)		(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:	comply with all environmental regulations affecting the Broad Mountain Facility.	□Intermittent
		(1) Enforcement action		
		(2) Permit termination, revocation		
[25 Pa. Code §§ 127.411(d) &	Section B	(a) The permittee shall furnish to the Department, within a	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent

Citation Citation Citation 127.512(c)(5)] (Duty to Provide Information)	Permit Section	in the Permit in the Permit reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. (b) Upon request, the	Compliance Status affecting the Broad Mountain Facility.
(Duty to Provide Information)		revoking and reissuing, or terminating the permit, or to determine compliance with the permit. (b) Upon request, the	
125 Pa Code S	Section B	(b) Upon request, the	Con
[25 Pa. Code § 127.541]	Section B	When permit modifications during the term of this permit do not	Company Policy is to comply with all environmental regulations
(Significant Operating Permit Modifications)		qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa.	affecting the Broad Mountain Facility.
TOE Do Codo SS	Section B		3
[25 Pa. Code §§ 127.704, 127.705 &	Section B		company Policy is to comply with all
127.707]		(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code	environmental regulations
(Fee Payment)		Chapter 127, Subchapter I (relating to plan approval and operating permit fees).	Mountain Facility.
		(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual	
[25 Pa. Code §§ 127.14(b) & 127.449]	Section B	(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§	Company Policy is to comply with all environmental regulations affecting the Broad
(Authorization for De Minimis Emission		127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written	Mountain Facility.

54-00074 - UGI DEV CO/HEGINS	FGINS			-
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
[25 Pa. Code §§ 127.11a & 127.215]	Section B		Company Policy is to comply with all	⊠Continuous
(Reactivation of Sources)		(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source wil	environmental regulations affecting the Broad Mountain Facility.	□Intermittent
[25 Pa. Code §§ 121.9 & 127.216]	Section B	(a) The owner of this Title V facility or any other person, may	Company Policy is to comply with all	⊠Continuous
(Circumvention)		not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction,	affecting the Broad Mountain Facility.	
[25 Pa. Code §§ 127.402(d) & 127.513(1)]	Section B	(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:	Company Policy is to comply with all environmental regulations affecting the Broad	⊠Continuous ☐Intermittent
(Submissions)		Regional Air Program Manager	Mountain Facility.	
		PA Department of Environmental Protection		
		(At the address given on the permit transmittal letter,		
		or otherwise notified)		
		(b) Any repor		
[25 Pa. Code §§ 127 441(c) &	Section B		Company Policy is to comply with all	⊠Continuous
127.463(e); Chapter		(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements	environmental regulations	□Intermittent

54-00074 - UGI DEV CO/HEGINS	GINS			G
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
139; & 114(a)(3), 504(b) of the CAA] (Sampling, Testing and Monitoring Procedures)		of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable re	affecting the Broad Mountain Facility.	
[25 Pa. Code §§ 127.511 & Chapter 135] (Recordkeeping Requirements)	Section B	(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following:	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.	⊠Continuous □Intermittent
		(1) The date, place (as defined in the permit) and time of sampling or measurements.		
		(2) The dates the analyses were performed.		
[25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)]	Section B	(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit.	Company Policy is to comply with all environmental regulations affecting the Broad	⊠Continuous □Intermittent
(Reporting Requirements)		permittee shall comply with any additional applicable reporting requirements promulgated under the Clean	Mountain Facility.	
[25 Pa. Code § 127.513]	Section B	(a) One year after the date of issuance of the Title V posmit and	Company Policy is to comply with all	Continuous
(Compliance			affecting the Broad	

54-00074 - UGI DEV CO/HEGINS Citation	EGINS Permit	Terms & Conditions Contained	Means of Determining
	Section	in the Permit	Compliance Status
Certification)		the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, includi	Mountain Facility
[25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68] (Risk Management)	Section B	(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site S	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.
[25 Pa. Code §123.1] (Prohibition of certain fugitive emissions)	Section C - I. Restrictions - Emission Restriction(s)	(a) No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.
		(1) Construction or demolition of buildings or structures.	
		(2) Grading, paving and maintenance of roads and streets.	
		(3) Use of roads and streets	
[25 Pa. Code §123.2]	Section C - I. Restrictions - Emission	A person may not permit fugitive particulate matter to be emitted	Company Policy is to comply with all
(Fugitive particulate matter)	Restriction(s)	into the outdoor atmosphere from a source specified in SECTION C, Site Level Requirement, Condition #001 if the emissions are visible at the point the emissions pass outside the	environmental regulations affecting the Broad Mountain Facility.

54-00074 - UGI DEV CO/HEGINS	EGINS			
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	In the Permit	Compliance Status	with Terms & Conditions was:
		person's property.		
[25 Pa. Code §123.31] (Limitations)	Section C - I. Restrictions - Emission Restriction(s)	MALODOR EMISSIONS	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.	⊠Continuous □Intermittent
		A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in a manner that the malodors are detectable outside the property of the person on whose land the source is being operated		
[25 Pa. Code §123.41]	Section C - I. Restrictions - Emission	(a) A person may not permit the emission into the outdoor	Company Policy is to comply with all	⊠Continuous
(Limitations)	Restriction(s)	atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:	affecting the Broad Mountain Facility.	
		(1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.		
		(2) Equ		
[25 Pa. Code §123.42] (Exceptions)	Section C - I. Restrictions - Emission Restriction(s)	(a) The limitations of SECTION C, Site Level Requirement, Condition #004 shall not apply to a visible emission in any of the following instances:	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.	⊠Continuous ☐Intermittent

Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
		(1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.		
		(2) When the emission results		
[25 Pa. Code §127.511]	Section C - II. Testing Requirements	All compling testing and analyze perfectly analyze perfectly and analyze perfectly analyze perfectly analyze perfectly and analyze perfectly analyze p	Company Policy is to comply with all	⊠Continuous
(Monitoring and related recordkeeping and reporting requirements.)		the requirements of any section of this permit shall be done in accordance with General Title V Requirement #021.	environmental regulations affecting the Broad Mountain Facility.	□Intermittent
[25 Pa. Code §139.1]	Section C - II. Testing		Company Policy is to comply with all	⊠Continuous
(Sampling facilities.)		adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be pr	environmental regulations affecting the Broad Mountain Facility.	Untermittent
[25 Pa. Code §139.11]	Section C - II. Testing		Company Policy is to	⊠Continuous
(General	Requirements	(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at	environmental regulations	□Intermittent
requirements.)		maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.	Mountain Facility.	
		(b) As		
Zo Pa. Code	Section C - III. Monitoring		Company Policy is to comply with all	⊠Continuous

54-00074 - UGI DEV CO/HEGINS				
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
§123.43] (Measuring techniques)	Requirements	(a) Visible emissions may be measured using either of the following:	environmental regulations affecting the Broad Mountain Facility.	□Intermittent
		(1) A device approved by the Department and maintained to provide accurate opacity measurements.		
		(2) Observers, trained and qualified, to measure plume opacity with the naked eye		
[25 Pa. Code §127.511] (Monitoring and related	Section C - III. Monitoring Requirements	FUGITIVE, VISIBLE AND MALODOR EMISSIONS	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.	⊠Continuous □Intermittent
recordkeeping and reporting requirements.)		 (a) The permittee shall conduct weekly inspections of the facility perimeter, during daylight hours when the plant is in operation, to detect visible, fugitive, and malodor emissions as follows: (1) Visible emissions in excess of the limits stated in S 		
[25 Pa. Code §127.511]	Section C - III. Monitoring		Company Policy is to comply with all	⊠Continuous
(Monitoring and related recordkeeping and reporting requirements.)		stack test, in accordance with the provisions of the most current publication of the DEP Source Testing Manual and Chapter 139 of the Rules and Regulations of the Department of Environmental Protection, within the time frame specified by	environmental regulations affecting the Broad Mountain Facility.	
[25 Pa. Code §127.511]	Section C - IV. Recordkeeping Requirements	All records, reports and analyses results generated in	Company Policy is to comply with all	⊠Continuous

54-00074 - UGI DEV CO/HEGINS	EGINS			
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
(Monitoring and related recordkeeping and reporting requirements.)		compliance with the requirements of any section of this permit shall be maintained in accordance with General Title V Requirement #022, Section (b), and shall be made available to the Department upon written or verbal request at a reasonable ti	environmental regulations affecting the Broad Mountain Facility.	□Intermittent
[25 Pa. Code §127.511] (Monitoring and related	Section C - IV. Recordkeeping Requirements	FUGITIVE, VISIBLE AND MALODOR EMISSIONS	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.	⊠Continuous □Intermittent
recordkeeping and reporting requirements.)		(a) The permittee shall keep a logbook of weekly facility inspections performed. The logbook shall include the name of the company representative performing the inspections, any instances of exceedances of visible emissions limitations, visible fugitive emis		
[25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section C - V. Reporting Requirements	(a) The permittee shall, within one (1) hour of identifying an occurrence, notify the Department at (570) 826-2511of any malfunction ,which results in, or may possibly be resulting in, emissions of air contaminants in excess of the limitations specified in, or established pursuant to, this operati	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.	⊠Continuous □Intermittent
[25 Pa. Code §127.511]	Section C - V. Reporting Requirements	FUGITIVE AND VISIBLE EMISSIONS	Company Policy is to comply with all environmental regulations	⊠Continuous ☐Intermittent
(Monitoring and related			affecting the Broad Mountain Facility.	
reporting requirements.)		(a) On a semi-annual basis, the permittee shall compile a report of all logged instances of deviation of the fugitive or visible emission limitations that occured and the actions taken in response to them. This report shall be submitted to the		

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Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
		Department.		
		(b) If no		
[25 Pa. Code §127.513]	Section C - V. Reporting		Company Policy is to	⊠Continuous
(Compliance	Requirements	The reporting period for the certificate of compliance required by Condition #024 of SECTION B, shall be for the previous	environmental regulations	□Intermittent
certification.)		calendar year, and it shall be submitted within sixty (60) days after the specified period but no later than March 1st.	Mountain Facility.	
[25 Pa. Code §135.3]	Section C - V. Reporting		Company Policy is to comply with all	⊠Continuous
(Reporting)	Requirements	(a) The owner or operator shall submit by March 1 of each year,a source report for the preceding calendar year. The report	environmental regulations	□Intermittent
		shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year and sources modified during the same	Mountain Facility.	
[25 Pa. Code §123.1]	Section C - VI. Work Practice Standards		Company Policy is to comply with all	⊠Continuous
(Prohibition of certain fugitive		(a) A person responsible for any source specified in SECTION C, Site Level Requirement, Condition #001, shall take all reasonable actions to provent particulate matter from becoming	environmental regulations affecting the Broad	Intermittent
emissions)		airborne. These actions shall include, but not be limited to, the following:	Mountain Facility.	
		(1) Use, where possible, of water o		
[25 Pa. Code \$129 14]	Section C - VI. Work Practice Standards		Company Policy is to	⊠Continuous
(Open burning		(a) Outside of air basins. No person may permit the open burning of material in an area outside of air basins in a manner	environmental regulations affecting the Broad	□Intermittent

Citation Permit Terms & Conditions Contained Compliance Status Conditions was Conditions Company Conditions Conditi	54-000/4 - UGI DEV CO/HEGINS	2000			
that The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted. The section D - I. These conditions were obtained from Operating Permit No. 54- Emission Restrictions - Emission Restriction(s) Be The following emission limitations for these landfill gas-fired turbines by which construction commenced on or after July 1. 1972 and where BAT requirements have not been previously established shall apply These conditions were obtained from Operating Permit No. 54- Company Policy is to comply with all Emission Restriction(s) Be (a) Each landfill gas-fired turbine meets the requirements of 40 CFR Subpart KKKK therefore the turbines are not subject to the applicable requirements of 40 CFR Part 60. Subpart GG. Standards of Performanc The landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad frecting the Broad environmental regulations affecting the Broad freeding the Broad environmental regulations affecting the Broad freeding the Broad freeding the Broad freeding the Broad environmental regulations affecting the Broad freeding the Broad	Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
(1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted. (1) The emissions pass outside the property of the person on whose land the open burning is being conducted. (2) These conditions were obtained from Operating Permit No. 54-comply with all Emission Emission Restrictions - 1 (1972 and where BAT requirements have not been previously established shall apply (3) Each landfill gas-fired turbine meets the requirements of 40 CFR Subpart KKK therefore the turbines are not subject to the applicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc (3) Each landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad on the subject to the splicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc (3) Emission Restriction(s) (4) Each landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad on the subject to the splicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc (5) The landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad af		Section	in the Permit	Compliance Status	with Terms & Conditions was:
In mission pass outside the property of the person on whose land the open burning is being conducted. The section D - I. Restrictions - Emission Restrictions - Infection B - I. These conditions were obtained from Operating Permit No. 54- Company Policy is to approved 4/23/2008. The following emission limitations for these landfill gas-fired turbines for which construction commenced on or after July 1, 1972 and where BAT requirements have not been previously established shall apply NDFILL Section D - I. Restrictions - Emission Restrictions (a) Each landfill gas-fired turbine meets the requirements of 40 CFR Subpart KKKK therefore the turbines are not subject to the applicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc NDFILL Section D - I. Restrictions - Emission Restrictions - Emission Restrictions - The landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad affecting the Broad Company Policy is to Company Policy is	operations)		that: (1) The emissions are visible, at any time, at the point such	Mountain Facility.	
NDFILL Section D - I. These conditions were obtained from Operating Permit No. 54- Restrictions - Restrictions - Restrictions - Restriction(s) D Restrictions - Restriction(s) The following emission limitations for these landfill gas-fired turbines for which construction commenced on or after July 1, 1972 and where BAT requirements have not been previously established shall apply NDFILL Section D - I. Restrictions - Restriction(s) D Restriction(s) GER Subpart KKKK therefore the turbines are not subject to the applicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc NDFILL Restriction(s) Restriction(s) The landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad Company Policy is to comply with all environmental regulations affecting the Broad affecting the Broad Company Policy is to comply with all environmental regulations affecting the Broad affecting the Broad					
The following emission limitations for these landfill gas-fired turbines for which construction commenced on or after July 1, 1972 and where BAT requirements have not been previously established shall apply NDFILL Section D - I. Restriction(s) D Restriction(s) (a) Each landfill gas-fired turbine meets the requirements of 40 CFR Subpart KKKK therefore the turbines are not subject to the applicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc NDFILL Section D - I. Restriction(s) The landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad affecting the Broad environmental regulations affecting the groad environmental regulations affecting the Broad affectin	CT01 - LANDFILL GAS FIRED TURBINE	Section D - I. Restrictions - Emission Restriction(s)	These conditions were obtained from Operating Permit No. 54-328-002GP22 approved 4/23/2008.	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
NDFILL Section D - I. D Restrictions - Emission Restriction(s) CFR Subpart KKK therefore the turbines are not subject to the applicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc NDFILL Section D - I. CFR Subpart KKK therefore the turbines are not subject to the applicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc The landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad environmental regulations affecting the Broad mountain Facility. Company Policy is to comply with all environmental regulations affecting the Broad mountain Facility. Company Policy is to comply with all environmental regulations affecting the Broad	[25 Pa. Code §127.512]		The following emission limitations for these landfill gas-fired	Mountain Facility.	
NDFILL Section D - I. Restrictions - Emission Restriction(s) (a) Each landfill gas-fired turbine meets the requirements of 40 CFR Part 60, Subpart GG, D NDFILL Section D - I. CD Restriction(s) The landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility. Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility. Company Policy is to comply with all environmental regulations affecting the Broad	(Operating permit terms and		1972 and where BAT requirements have not been previously established shall apply		
D Restrictions - Section D - 1. Restrictions - Restriction(s) Restriction(s) de (a) Each landfill gas-fired turbine meets the requirements of 40 CFR Subpart KKKK therefore the turbines are not subject to the applicable requirements of 40 CFR Part 60, Subpart GG, NDFILL Section D - 1. Restriction(s) NDFILL Section D - 1. Restriction(s) The landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad Complany Policy is to comply with all environmental regulations affecting the Broad affecting the Broad Company Policy is to comply with all environmental regulations affecting the Broad	OTO		The same of the sa		
(a) Each landfill gas-fired turbine meets the requirements of 40 CFR Subpart KKKK therefore the turbines are not subject to the applicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc NDFILL Section D - I. Restrictions - Emission Restriction(s) (a) Each landfill gas-fired turbine meets the requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc Company Policy is to comply with all environmental regulations affecting the Broad	GAS FIRED TURBINE	Restrictions - Emission Restriction(s)	328-002GP22 approved 4/23/2008.	comply with all environmental regulations	Intermittent
applicable requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc DFILL Section D - I. Restrictions - Emission Restriction(s) The landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad	[25 Pa. Code §127.512]		(a) Each landfill gas-fired turbine meets the requirements of 40	Mountain Facility.	
DFILL Section D - I. Restrictions - Emission Restriction(s) The landfill gas-fired turbines shall be only fueled by landfill gas affecting the Broad	(Operating permit		applicable requirements of 40 CFR Part 60, Subpart GG,		
Section D - I. Restrictions - Emission Restriction(s) Company Policy is to comply with all environmental regulations affecting the Broad	conditions.)		Standards of Performanc		
Emission The landfill gas-fired turbines shall be only fueled by landfill gas Restriction(s) affecting the Broad	GAS FIRED	Restrictions -		comply with all	Continuous
	TURBINE	Restriction(s)	The landfill gas-fired turbines shall be only fueled by landfill gas	environmental regulations affecting the Broad	Intermittent

□Intermittent	comply with all environmental regulations	For each stationary combustion turbine burning at least 50	Restrictions - Emission Restriction(s)	GAS FIRED
⊠Continuous	Company Policy is to		Section D - I.	CT01 - LANDFILL
				limits must I meet for nitrogen oxides (NOX)?)
		single generator, each turbine must meet the emission limits for NOX.		60.4320] (What emission
		(b) If you have two or more turbines that are connected to a		New Stationary
	9			Standards of Performance for
	Mountain Facility.	1, Condition #001.	# #	[40 CFR Part 60
Intermittent	environmental regulations	(a) You must meet the emission limits for NOX specified in Table 1 to this subpart, which is stated in SECTION E. GROUP	Emission Restriction(s)	TURBINE
	comply with all		Restrictions -	GAS FIRED
⊠Continuous	Company Policy is to		Section D - I	CT01 - I ANDEII I
				conditions.)
				terms and
		and rated heat input of 60.76 MMBTU/hr.		(Operating permit
		Taurus 60, rated at 5.5 MW capacity, firing rate of 2,650 cf/min.,		§127.512]
	Mountain Facility	up to approximately 11 MW electricity. The turbines are Model		[25 Pa. Code
	environmental regulations	facility fueled by landfill gas (LFG) from the Landfill to produce	Restriction(s)	TURBINE
Intermittent	comply with all	There are the (2) Soles Terror simple explained trackings of this	Restrictions -	GAS FIRED
⊠Continuous	Company Policy is to		Section D - I.	CT01 - LANDFILL
				conditions.)
				terms and
				(Operating permit
	2			§127.512]
のままのまというできる。	Mountain Facility.	(LFG) from the Landfill.		[25 Pa. Code
Conditions was:				
with Terms &	Compliance Status	In the Permit	Section	
Compliance	Means of Determining	Terms & Conditions Contained	Permit	Citation

54-00074 - UGI DEV CO/HEGINS	GINS			
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
TURBINE [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR		percent biogas on a calendar month basis, as determined based on total heat input, you must not cause to be discharged into the atmosphere from the affected source any gases that contain SO2 in excess of 65 ng SO2 /J (0.15 lb SO2 /MMBtu) he	affecting the Broad Mountain Facility.	
(What emission limits must I meet for sulfur dioxide (SO2)?)				
CT01 - LANDFILL GAS FIRED TURBINE	Section D - I. Restrictions - Emission Restriction(s)	(a) You must operate and maintain your stationary combustion turbines, air pollution control equipment, and monitoring	Company Policy is to comply with all environmental regulations affecting the Broad	⊠Continuous □Intermittent
[40 CFR Part 60		equipment in a manner consistent with good air pollution control	Mountain Facility.	
Standards of		practices for minimizing emissions at all times including during		
New Stationary				
Sources §40 CFR 60.4333]				
(What are my general				
requirements for complying with this subpart?)				
CT01 - LANDFILL GAS FIRED	Section D - I. Restrictions -		Company Policy is to comply with all	⊠Continuous
TURBINE	Emission Restriction(s)	(a) If you are not using water or steam injection to control NOX emissions, you must perform annual performance tests in	environmental regulations affecting the Broad	□Intermittent
[40 CFR Part 60 Standards of		accordance with §60.4400 to demonstrate continuous compliance. If the NOX emission result from the performance	Mountain Facility.	

54-00074 - UGI DEV CO/HEGINS	EGINS			- 280
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
Performance for New Stationary Sources §40 CFR 60.4340]		test is less than or equal to 75 percent of the NOX emission limit		
(How do I demonstrate				
continuous				
if I do not use water				
or account injection:)				
GAS FIRED	Testing	328-002GP22 approved 4/23/2008.	Company Policy is to	⊠Continuous
TURBINE	Requirements		environmental regulations affecting the Broad	□Intermittent
§127.512]		(a) The permittee shall perform a source test on the each	Mountain Facility.	
(Operating permit		stack tested for NOX, CO, NMOC, HAPs, SO2, and visible		
conditions.)		ernissions. Stack testing for		
CT01 - LANDFILL	Section D - III.		Company Policy is to	⊠Continuous
TURBINE	Monitoring Requirements	In accordance with the NSPS requirements in 40 CFR & 60 334	comply with all	Intermittent
[25 Pa. Code		(relating to monitoring of operations), the permittee shall, on a	affecting the Broad	
§127.512]	G.	sulfur content. The permittee may submit an alternative plan for	Mountain Facility.	
(Operating permit		sampling of the above compounds to the Dep		
terms and				
conditions.)				
GAS FIRED	Monitoring		Company Policy is to	⊠Continuous
	Requirements	Emission Calculations are as follows:	environmental regulations	□Intermittent

54-00074 - UGI DEV CO/HEGINS	GINS			. 7
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
TURBINE [25 Pa. Code §127.512]		(a) NOx emission factor = 11.49 lb. NOx/hr. (Manufacture's Guarantee)	affecting the Broad Mountain Facility.	
(Operating permit terms and		Hours of operation = 8,584 hrs. (98% maximum capacity factor for year)		
conditions.)		Number of Turbines = 2		
		NOx = 11.49 lbs. NOx/hr. * 8,584 hrs. /yr. * ton/2000 lbs. = 49.3 tons NOx /year per turbine.		
CT01 - LANDFILL GAS FIRED TURBINE	Section D - III. Monitoring Requirements	(a) The steam or water to fuel ratio or other parameters that are	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[40 CFR Part 60 Standards of		continuously monitored as described in §§60.4335 and 60.4340 must be monitored during the performance test required under §60.8, to establish acceptable values and ranges. You may	affecting the Broad Mountain Facility.	
Performance for New Stationary Sources §40 CFR 60.4355]		supplement the performance test data with engineerin		
(How do I establish and document a proper parameter monitoring plan?)				
CT01 - LANDFILL GAS FIRED TURBINE	Section D - III. Monitoring Requirements	You must monitor the total sulfur content of the fuel being fired	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[40 CFR Part 60		content of the fuel must be determined using total sulfur	affecting the Broad	

54-00074 - UGI DEV CO/HEGINS	GINS			
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
S or A	Section	in the Permit	Compliance Status	with Terms & Conditions was:
Standards of Performance for New Stationary Sources §40 CFR 60.4360]		methods described in §60.4415. Alternatively, if the total sulfur content of the gaseous fuel during the most recent	Mountain Facility.	
(How do I determine the total sulfur content of the turbine's combustion fuel?)				
CT01 - LANDFILL GAS FIRED TURBINE [40 CFR Part 60	Section D - III. Monitoring Requirements	The frequency of determining the sulfur content of the fuel must be as follows:	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.	⊠Continuous □Intermittent
Performance for		(a) Gaseous fuel. If you elect not to demonstrate sulfur content		
New Stationary Sources §40 CFR 60.4370]		using options in §60.4365, and the fuel is supplied without intermediate bulk storage, the sulfur content value of the gaseous fuel must be determined a		
(How often must I determine the sulfur content of the fuel?)				
GAS FIRED	Section D - III. Monitoring		Company Policy is to comply with all	⊠Continuous
TURBINE	Requirements	If you choose the option to monitor the sulfur content of the fuel, excess emissions and monitoring downtime are defined as	environmental regulations	□Intermittent
[40 CFR Part 60 Standards of		follows:	Mountain Facility.	
Performance for				
New Stationary		(a) For samples of gaseous fuel and for oil samples obtained		
		using daily sampling, flow proportional sampling, or sampling		

54-000/4 - UGI DEV CO/HEGINS	GINS			
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
60.4385]	5.50	from the unit's storage tank, an excess		
(How are excess emissions and monitoring downtime defined for SO2?)				
CT01 - LANDFILL GAS FIRED TURBINE	Section D - III. Monitoring Requirements	(a) You must conduct an initial performance test, as required in \$60.8. Subsequent \$02 performance tests shall be conducted	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[40 CFR Part 60 Standards of		on an annual basis (no more than 14 calendar months following the previous performance test). There are three methodologies	Mountain Facility.	
Performance for		that you may use to conduct the performance tests		
Sources §40 CFR 60.4415]				
(How do I conduct the initial and subsequent				
CT01 - LANDFILL	Section D - IV		Company Policy is to	Continuous
GAS FIRED TURBINE	Recordkeeping Requirements	The permittee shall record the hours of operations of these sources on a yearly basis. These records shall be made	company Policy is to comply with all environmental regulations	☐Intermittent
[25 Pa. Code §127.511]			affecting the Broad Mountain Facility.	
(Monitoring and related				
recordkeeping and reporting				
requirements.)				
			The state of the s	Company of the Compan

54-00074 - UGI DEV CO/HEGINS	EGINS			
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
CT01 - LANDFILL GAS FIRED TURBINE	Section D - IV. Recordkeeping Requirements	[Authority for this condition is also derived from 25 Pa. Code,	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[25 Pa. Code §127.511]		3. E	Mountain Facility.	
(Monitoring and related		The permittee shall maintain the following records:		
reporting requirements.)		(a) Data which clearly demonstrates that the heat input for each turbine never exceeds its rated capacity.		
		(b) Data which clearly demonstrates that		
CT01 - LANDFILL GAS FIRED TURBINE	Section D - IV. Recordkeeping Requirements	These conditions were obtained from Operating Permit No. 54-328-002GP22 approved 4/23/2008.	Company Policy is to comply with all environmental regulations	⊠Continuous ☐Intermittent
[25 Pa. Code §127.512]		(a) The permittee shall record the following:	Mountain Facility.	
(Operating permit		(i) Monthly amount of landfill gas fired in each turbine.		
conditions.)		(ii) 12-month rolling total amount of landfill gas fired in each turbine.		
		(iii) Hours o		
CT01 - LANDFILL GAS FIRED TURBINE	Section D - V. Reporting Requirements	These conditions were obtained from Operating Permit No. 54-328-002GP22 approved 4/23/2008.	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[25 Pa. Code §127.512]		(a) Within sixty (60) days after completion of a stack test, the complete test report, including all operating conditions, shall be	Mountain Facility.	

S. SOCIAL DEA COULERING	CINC	\$P\$1、\$P\$1.4.\$P\$1.5.\$P\$2.\$P\$1.\$P\$1.\$P\$1.\$P\$1.\$P\$1.\$P\$1.\$P\$1		
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
Turk year	Section	in the Permit	Compliance Status	with Terms & Conditions was:
(Operating permit terms and conditions.)		submitted to the Department for approval.		
		(b) Any planned or unplanned t		
CT01 - LANDFILL GAS FIRED TURBINE	Section D - V. Reporting Requirements	(a) For each affected unit required to continuously monitor	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[40 CFR Part 60 Standards of		parameters or emissions, or to periodically determine the fuel sulfur content under this subpart, you must submit reports of excess emissions and monitor downtime, in accordance with	affecting the Broad Mountain Facility.	
Performance for New Stationary		§60.7(c). Excess emissions must be reported for all per		
Sources §40 CFR 60.4375]				
(What reports must I submit?)				
CT01 - LANDFILL GAS FIRED	Section D - V. Reporting		Company Policy is to	⊠Continuous
TURBINE	Requirements	For the purpose of reports required under §60.7(c), periods of excess emissions and monitor downtime that must be reported	environmental regulations	□Intermittent
[40 CFR Part 60 Standards of Performance for		are defined as follows:	affecting the Broad Mountain Facility.	
New Stationary		(a) For turbines required to monitor combustion parameters or		
60.4380]		parameters that document proper operation of the NOX emission controls:		
(How are excess				
emissions and				
monitor downtime defined for NOX?)		(1)		
CT01 - LANDFILL	Section D - VI. Work Practice Standards	These conditions were obtained from Operating Permit No. 54-	Company Policy is to	⊠Continuous

94-000/4 - UGI DEV CO/HEGINS	GINS			
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
GAS FIRED TURBINE		328-002GP22 approved 4/23/2008.	comply with all environmental regulations affecting the Broad	□Intermittent
[25 Pa. Code §127.512]		Any permittee authorized to operate landfill gas-fired turbines	Mountain Facility.	
(Operating permit		conditions of the Operating Permit. The landfill gas-fired turbines		
terms and conditions.)		shall be:		
		(a)		
CT01 - LANDFILL GAS FIRED TURBINE	Section D - VI. Work Practice Standards	These conditions were obtained from Operating Permit No. 54-328-002GP22 approved 4/23/2008.	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[25 Pa. Code §127.512]		(a) The permittee, at a minimum, shall conduct leak checks on the landfill gas handling and processing continuous.	Mountain Facility.	
(Operating permit terms and		and territoring and processing equipment.		ži
conditions.)		(b) The permittee shall perform an annual adjustment and/or tune-up on each unit, which s		
CT01 - LANDFILL GAS FIRED TURBINE	Section D - VII. Additional Requirements	These conditions were obtained from Operating Permit No. 54-328-002GP22 approved 4/23/2008.	Company Policy is to comply with all environmental requirements	⊠Continuous ☐Intermittent
[25 Pa. Code		±	affecting the Broad Mountain Facility	
§127.512]		(a) The permittee meets the requirements of 40 CFR Subpart KKKK therefore the turbines are not subject to the applicable		
(Operating permit terms and		requirements specified in 40 CFR Part 60, Subpart GG (relating to standards of perfor		
CT02 - LANDFILL	Section D - I. Restrictions -	These conditions were obtained from Operating Permit No. 54-	Company Policy is to	⊠Continuous

EGINS			
Permit	Terms & Conditions Contained	Means of Determining	Compliance
Section	in the Permit	Compliance Status	with Terms & Conditions was:
Emission Restriction(s)	328-002GP22 approved 4/23/2008.	comply with all environmental regulations	□Intermittent
		Mountain Facility	
	The following emission limitations for these landfill gas-fired	Wideling active.	
	1972 and where BAT requirements have not been previously		
	established shall apply:		
Section D - I.	These conditions were obtained from Operating Permit No. 54-	Company Policy is to	⊠Continuous
Restrictions - Emission Restriction(s)	328-002GP22 approved 4/23/2008.	comply with all environmental regulations	□Intermittent
		Mountain Facility.	
	(a) Each landfill gas-fired turbine meets the requirements of 40 CFR Subpart KKKK therefore the turbines are not subject to the	Š	
	applicable requirements of 40 CFR Part 60, Subpart GG,		
	Standards of Performanc		
Section D - I.		Company Policy is to	⊠Continuous
Emission Restriction(s)	The landfill gas-fired turbines shall be only fueled by landfill gas	environmental regulations	□Intermittent
0 8		Mountain Facility.	
Section D - I.		Company Policy is to	⊠Continuous
Emission Restriction(s)	There are two (2) Solar Tauras simple cycle turbines at this facility fueled by landfill gas (LFG) from the Landfill to produce	environmental regulations	□Intermittent
8	up to approximately 11 MW electricity. The turbines are Model Taurus 60, rated at 5.5 MW capacity, firing rate of 2,650 cf/min.,	Mountain Facility.	
	Citation Citation Citation Citation Permit Section Section TURBINE GAS FIRED TURBINE CT02 - LANDFILL GAS FIRED TURBINE Restriction(s) CT02 - LANDFILL GAS FIRED TURBINE Restriction Restriction Restriction(s) Restriction(s) Restriction(s) CT02 - LANDFILL GAS FIRED TURBINE Restriction(s) Restriction(s) Restriction(s)	Section Section Ssion triction D - I. trictions - I. ssion trictions - I. ssion trictions - I. ssion trictions - I. ssion trictions - I. triction(s)	Section 328-002GP22 approved 4/23/2008. The following emission limitations for these landfill gas-fired turbines for which construction commenced on or after July 1, 1972 and where BAT requirements have not been previously established shall apply These conditions were obtained from Operating Permit No. 54-ssion strictions - The landfill gas-fired turbines meets the requirements of 40 CFR Part 60, Subpart GG, Standards of Performanc (a) Each landfill gas-fired turbines shall be only fueled by landfill gas strictions - The landfill gas-fired turbines shall be only fueled by landfill gas striction(s) from the Landfill. There are two (2) Solar Tauras simple cycle turbines at this facility fueled by landfill gas (LFG) from the Landfill to produce up to approximately 11 MW electricity. The turbines are Model Taurus 60, rated at 5.5 MW capacity, firing rate of 2,650 ct/minin,

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Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
§127.512]		and rated heat input of 60.76 MMBTU/hr.		
(Operating permit terms and conditions.)				
CT02 - LANDFILL GAS FIRED TURBINE	Section D - I. Restrictions - Emission Restriction(s)	(a) You must meet the emission limits for NOX specified in Table 1 to this subpart, which is stated in SECTION E. GROUP	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[40 CFR Part 60 Standards of	ā		Mountain Facility.	
Performance for				
Sources §40 CFR 60.4320]		(b) If you have two or more turbines that are connected to a single generator, each turbine must meet the emission limits for NOX.		
(What emission limits must I meet for				
nitrogen oxides (NOX)?)				
CT02 - LANDFILL GAS FIRED TURBINE	Section D - I. Restrictions - Emission Restriction(s)	For each stationary combustion turbine burning at least 50 percent biogas on a calendar month basis, as determined based	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[40 CFR Part 60 Standards of		on total heat input, you must not cause to be discharged into the atmosphere from the affected source any gases that contain	Mountain Facility.	
New Stationary		SO2 in excess of 65 ng SO2 /J (0.15 lb SO2 /MMBtu) he		
Sources §40 CFR 60.4330]				
(What emission				
limits must I meet for sulfur dioxide				

54-00074 - UGI DEV CO/HEGINS	GINS			
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms &
				Conditions was:
(SO2)?)				
CT02 - LANDFILL	Section D - I.		Company Policy is to	⊠Continuous
GAS FIRED	Restrictions -	NEW TO BE STATE OF THE PARTY OF	comply with all	ACT MINISTER ON THE PERSON AND ACT OF THE PE
TURBINE	Restriction(s)	(a) You must operate and maintain your stationary combustion turbines, air pollution control equipment, and monitoring	environmental regulations	Intermittent
[40 CFR Part 60		equipment in a manner consistent with good air pollution control	Mountain Facility	
Standards of		practices for minimizing emissions at all times including during	wouldn't acility.	
Performance for New Stationary		startup, shutdown, and malfunction.		
Sources §40 CFR 60.4333]				
(What are my				
general				
requirements for				
subpart?)				
CT02 - LANDFILL GAS FIRED	Section D - I. Restrictions -		Company Policy is to	Continuous
TURBINE	Emission Restriction(s)	(a) If you are not using water or steam injection to control NOX emissions, you must perform annual performance tests in	environmental regulations	□Intermittent
[40 CFR Part 60	26 30	accordance with §60.4400 to demonstrate continuous	Mountain Facility	
Performance for		compliance. If the NOX emission result from the performance test is less than or equal to 75 percent of the NOX emission	Solve the second	
New Stationary Sources §40 CFR		limit		
60.4340]				
(How do I				
continuous				
if I do not use water				
or steam injection?)				

Citation	GINS			O-mailiana.
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
CTOS I ANDEILI	Specifican D	Those conditions were obtained from Operating Descrit No. EA	Common Police in to	
GAS FIRED TURBINE	Testing Requirements	328-002GP22 approved 4/23/2008.	comply with all environmental regulations	Intermittent
[25 Pa. Code			Mountain Facility	
§127.512]		(a) The permittee shall perform a source test on the each	Wood Rail 1 acinty.	
(Operating permit		stack tested for NOX, CO, NMOC, HAPs, SO2, and visible		
terms and		emissions. Stack testing for		
conditions.)				
CT02 - LANDFILL	Section D - III.		Company Policy is to	⊠Continuous
GAS FIRED	Requirements	In accordance with the NCDS requirements in AD CED 8 60 334	comply with all	Intermittent
	, cqui cii cii ci	(relating to monitoring of operations), the permittee shall, on a	environmental regulations affecting the Broad	
[25 Pa. Code §127.512]		daily basis, sample the landfill gas being fired for nitrogen and sulfur content. The permittee may submit an alternative plan for	Mountain Facility.	
(Operating permit		sampling of the above compounds to the Dep		
terms and				
conditions.)				
CT02 - LANDFILL GAS FIRED TURBINE	Section D - III. Monitoring Requirements	Emission Calculations are as follows:	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[25 Pa. Code			affecting the Broad Mountain Facility.	
(Operating permit		(a) NOx emission factor = 11.49 lb. NOx/hr. (Manufacture's Guarantee)		
conditions.)		Hours of operation = 8,584 hrs. (98% maximum capacity factor for year)		
		Number of Turbines = 2		

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Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
		NOx = 11.49 lbs. NOx/hr. * 8,584 hrs. /yr. * ton/2000 lbs. = 49.3 tons NOx /year per turbine.		
CT02 - LANDFILL GAS FIRED TURBINE [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4355]	Section D - III. Monitoring Requirements	(a) The steam or water to fuel ratio or other parameters that are continuously monitored as described in §§60.4335 and 60.4340 must be monitored during the performance test required under §60.8, to establish acceptable values and ranges. You may supplement the performance test data with engineerin	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.	⊠Continuous □Intermittent
(How do I establish and document a proper parameter monitoring plan?)				
CT02 - LANDFILL GAS FIRED TURBINE [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4360] (How do I determine the total sulfur content of the turbine's combustion	Section D - III. Monitoring Requirements	You must monitor the total sulfur content of the fuel being fired in the turbine, except as provided in §60.4365. The sulfur content of the fuel must be determined using total sulfur methods described in §60.4415. Alternatively, if the total sulfur content of the gaseous fuel during the most recent	Company Policy is to comply with all environmental regulations affecting the Broad Mountain Facility.	⊠Continuous □Intermittent

54-000/4 - UGI DEV CO/HEGINS	GINS			
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
fuel?)				
CT02 - LANDFILL	Section D - III.		Company Policy is to	⊠Continuous
GAS FIRED	Monitoring		comply with all	
TURBINE	Requirements	The frequency of determining the sulfur content of the fuel must be as follows:	environmental regulations	∐Intermittent
[40 CFR Part 60			Mountain Facility	
Standards of				
Performance for		(a) Gaseous fuel If you elect not to demonstrate sulfur content		
Sources §40 CFR 60.4370]		using options in §60.4365, and the fuel is supplied without intermediate bulk storage, the sulfur content value of the		
(How often must I				
determine the sulfur content of the fuel?)				
CT02 - LANDFILL	Section D - III.		Company Policy is to	⊠Continuous
TURBINE	Requirements	If you choose the option to monitor the sulfur content of the fuel, excess emissions and monitoring downtime are defined as	comply with all environmental regulations	□Intermittent
[40 CFR Part 60		follows:	affecting the Broad Mountain Facility.	
Performance for				
New Stationary		(a) For complex of concept field and for all complex attribute		
Sources §40 CFR 60.4385]		using daily sampling, flow proportional sampling, or sampling from the unit's storage tank, an excess		
(How are excess				
emissions and				
monitoring downtime defined for SO2?)				
CT02 - LANDFILL	Section D - III.		Company Policy is to	⊠Continuous
TURBINE	Requirements	(a) You must conduct an initial performance test, as required in	comply with all environmental regulations	□Intermittent
		Soc.o. oubsequent 302 benotifialite tests shall be conducted	affecting the Broad	

94-000/4 - UGI DEV CO/HEGINS	GINS			
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
[40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4415]		on an annual basis (no more than 14 calendar months following the previous performance test). There are three methodologies that you may use to conduct the performance tests	Mountain Facility.	
(How do I conduct the initial and subsequent performance tests for sulfur?)				
CT02 - LANDFILL GAS FIRED TURBINE	Section D - IV. Recordkeeping Requirements	The permittee shall record the hours of operations of these	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[25 Pa. Code §127.511]		available to the Department upon request.	affecting the Broad Mountain Facility.	
(Monitoring and related recordkeeping and reporting requirements.)				
CT02 - LANDFILL GAS FIRED TURBINE	Section D - IV. Recordkeeping Requirements	[Authority for this condition is also derived from 25 Pa. Code,	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[25 Pa. Code §127.511]		\$127.03 and 40 CFR \$32.1(J)(2)J	affecting the Broad Mountain Facility.	
(Monitoring and related		The permittee shall maintain the following records:		
recordkeeping and reporting		(a) Data which clearly demonstrates that the heat input for each		

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Citation	Fermit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
requirements.)		turbine never exceeds its rated capacity.		
		(b) Data which clearly demonstrates that		
CT02 - LANDFILL GAS FIRED	Section D - IV. Recordkeeping	These conditions were obtained from Operating Permit No. 54-328-002GP22 approved 4/23/2008.	Company Policy is to	⊠Continuous
TURBINE	Requirements	SECTORED AT APPLOYED HIZDIZODO.	comply with all environmental regulations affecting the Broad	□Intermittent
§127.512]		(a) The permittee shall record the following:	Mountain Facility.	
(Operating permit		(i) Monthly amount of landfill gas fired in each turbine.		
conditions.)		(ii) 12-month rolling total amount of landfill gas fired in each turbine.		
		(iii) Hours o		
CT02 - LANDFILL GAS FIRED TURBINE	Section D - V. Reporting Requirements	These conditions were obtained from Operating Permit No. 54-328-002GP22 approved 4/23/2008.	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[25 Pa. Code §127.512]		(a) Within sixty (60) days after completion of a stack test, the	affecting the Broad Mountain Facility.	
(Operating permit terms and		submitted to the Department for approval.		
conditions.)				
		(b) Any planned or unplanned t		
GAS FIRED	Section D - V. Reporting		Company Policy is to	⊠Continuous
TURBINE	Requirements	(a) For each affected unit required to continuously monitor	environmental regulations	□Intermittent
[40 CFR Part 60 Standards of		sulfur content under this subpart, you must submit reports of excess emissions and monitor downtime, in accordance with	Affecting the Broad Mountain Facility.	

54-00074 - UGI DEV CO/HEGINS	EGINS			•
Citation	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
Performance for New Stationary Sources §40 CFR 60.4375]		§60.7(c). Excess emissions must be reported for all per		
(What reports must I submit?)				
CT02 - LANDFILL GAS FIRED TURBINE	Section D - V. Reporting Requirements		Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[40 CFR Part 60 Standards of		are defined as follows:	affecting the Broad Mountain Facility.	
New Stationary Sources §40 CFR 60.4380]		(a) For turbines required to monitor combustion parameters or parameters that document proper operation of the NOX emission controls:		
(How are excess emissions and monitor downtime defined for NOX ?)		(1)		
CT02 - LANDFILL GAS FIRED TURBINE	Section D - VI. Work Practice Standards	These conditions were obtained from Operating Permit No. 54-328-002GP22 approved 4/23/2008.	Company Policy is to comply with all environmental regulations	⊠Continuous □Intermittent
[25 Pa. Code §127.512]		Any permittee authorized to operate landfill gas-fired turbines	affecting the Broad Mountain Facility.	
(Operating permit terms and conditions.)		conditions of the Operating Permit. The landfill gas-fired turbines shall be:		
		(a)		

Citation Cinedina	Permit	Terms & Conditions Contained	Means of Determining	Compliance
	Section	in the Permit	Compliance Status	with Terms & Conditions was:
CT02 - LANDFILL GAS FIRED TURBINE	Section D - VI. Work Practice Standards	These conditions were obtained from Operating Permit No. 54-328-002GP22 approved 4/23/2008.	Company Policy is to comply with all environmental regulations	⊠Continuous ☐Intermittent
[25 Pa. Code §127.512]		(a) The permittee, at a minimum, shall conduct leak checks on the landfill gas handling and processing equipment.	affecting the Broad Mountain Facility.	
(Operating permit terms and				2 -
conditions.)		(b) The permittee shall perform an annual adjustment and/or tune-up on each unit, which s		
CT02 - LANDFILL GAS FIRED TURBINE	Section D - VII. Additional Requirements	These conditions were obtained from Operating Permit No. 54-328-002GP22 approved 4/23/2008.	Company Policy is to comply with all environmental regulations affecting the Broad	⊠Continuous ☐Intermittent
[25 Pa. Code §127.512]		(a) The permittee meets the requirements of 40 CFR Subpart KKKK therefore the turbines are not subject to the applicable	Mountain Facility.	
(Operating permit terms and conditions.)		requirements specified in 40 CFR Part 60, Subpart GG (relating to standards of perfor		